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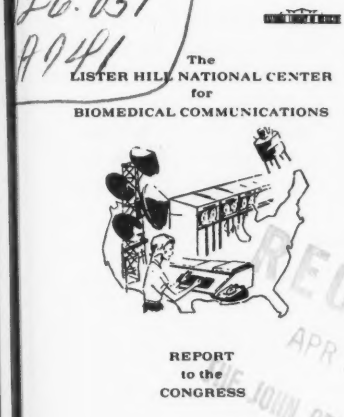
Lister Hill Center Reports to Congress



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"The first three years of the Lister Hill National Center for Biomedical Communications were a time for planning, for limited experiments, and pilot projects. Now the plans are maturing, the experiments becoming the basis for operational services. The technologies the Center was created to exploit -- satellite communications, cable, microwave television, on-line computer networks -- are being used. Experimental and operational networks now serve the Nation in small and large part. The Networks connect sources of medical knowledge with those who need that knowledge; the swift and certain transmission of electrical messages is substituted whenever and wherever possible for the slow, expensive, and even hazardous movement of people."

The paragraph above, taken from a Report to Congress by the Lister Hill National Center for Biomedical Communications, summarizes the progress of the Center in its first three years of operation. Among the projects highlighted in the Report:

Satellite Networks--including descriptions of the ongoing Alaska experiments (*News*, June 1971, etc.), planned Pacific Basin project (*News*, May 1972), and planned experiments utilizing the new ATS-F satellite, scheduled for 1973, to explore the benefits of television and narrowband transmission in support of health care delivery and education;

Cable Television Networks--planned experimental use of cable TV to provide higher quality health care for low-income areas in Denver and New York, with programs of health education and information;

New England Microwave Network--ongoing experiments using two-way, interactive TV to extend the educational resources of university medical centers in New England to those who deliver health care in relatively isolated areas with heavy service demands, yet little access to major medical resources;

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Martin M. Cummings, M.D. Director, NLM

Robert B. Mehnert, Acting Chief, Office of Public Information and Publications Management

Ann R. Lindsay Editor (301-496-6308)
Roger L. Gilkeson Assistant Editor (301-496-3661)
Daniel Carangi Graphics

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1969 CIM Reprinted

Johnson Reprint Corporation has announced publication of a reprint edition of *Cumulated Index Medicus*, Vol. 10, 1969. The price is $250.00 (with a special prepublication price of $200.00 effective through August 31, 1972). The books are scheduled to appear this month. Order from: Johnson Reprint Corporation, 111 Fifth Avenue, New York, New York 10003.

Johnson is also offering all CIM Vols. 1-10 (1960-1969) for $1,560.00 -- or $1,404.00 if ordered before August 31, 1972. All of these volumes are also available separately from Johnson, except Vol. 9 (1968), which is available for $135.00 from Arno Press, Inc., 330 Madison Avenue, New York, New York 10017. The prices of Vols. 1-8, if ordered separately from Johnson, are as follows:

Vols. 1-3 (1960-1962) . . . $125.00 (per Volume)
Vol. 4 (1963). $150.00
Vol. 5 (1964). $175.00
Vols. 6-8 (1965-1967). . . .$165.00 (per Volume)

(Lister Hill, from Page 1)

Wireline Networks--such as AIM-TWX and MEDLINE, and experiments involving interinstitutional sharing of university computer-based instructional and educational programs; computer simulation projects are now under way at three major university medical centers.

The Report to Congress is available without charge from NLM's Office of Public Information, 8600 Rockville Pike, Bethesda, Maryland 20014.

Medical Instruction Via Satellite Saves Life

Printed below are the texts of two telegrams to the Lister Hill Center from Professor Glenn Stanley of the Geophysical Institute, University of Alaska. They concern an emergency last May in which communication via NASA's ATS-1 satellite is credited with saving a life. The use of a satellite network to bring medical consultation to remote Alaskan villages is sponsored by NLM's Lister Hill National Center for Biomedical Communications in cooperation with the State of Alaska and NASA. (*NLM News*, June 1971 and September-October 1971.)

TLX 033 FAIRBANKS AK MAY 18 315P

MOJAVE TRACKING STATION TLK CODE GGDS-T-GAVE (RELAY THRU GODDARD)

AT APPROXIMATELY 10:15 ALASKA DAYLIGHT TIME ON THURSDAY MAY 18, 1972 ST PAUL

(Continued on Page 3)

(Satellite, from Page 2)

ISLAND DECLARED A MEDICAL EMERGENCY AND REQUESTED ASSISTANCE OVER THE SATELLITE FOR A 39 YEAR OLD MALE PATIENT WHO HAD SUFFERED A HEAD INJURY SOME DAYS PREVIOUS AND WHOSE CONDITION HAD DETERIORATED TO INCLUDE PARALYSIS AND UNCONSCIOUSNESS . . . COLLEGE WAS NOTIFIED OF THE EMERGENCY AND CONTACTED THE PUBLIC HEALTH SERVICE HOSPITAL IN ANCHORAGE AND ARRANGEMENTS FOR EVACUATION OF THE PATIENT WERE COMPLETED. A COAST GUARD AIRCRAFT HAS BEEN DISPATCHED TO ST PAUL ISLAND TO EVACUATE THE PATIENT. MEDICAL FACILITIES IN ANCHORAGE ARE ALERTED AND ARE EXPECTING THE PATIENT. A NEUROSURGEON IS STANDING BY. FURTHER DETAILS WILL BE SENT AS TO CONDITION AND DISPOSITION OF THE PATIENT WHEN RECEIVED BY THIS OFFICE.

TLX 038 FAIRBANKS AK MAY 19 400P

PATIENT EVACUATED FROM ST PAUL IS., AK. TO ANCHORAGE, AK. PHS HOSPITAL BY COAST GUARD AIRCRAFT. PATIENT WAS IN POOR CONDITION UPON ARRIVAL. A NEUROSURGICAL PROCEDURE WAS PERFORMED AND THE SUBDURAL HEMATOMA WAS REDUCED. PATIENT IS IN GOOD CONDITION AFTER SURGERY. PHYSICIAN REPORTS THAT PATIENT PROBABLY WOULD NOT HAVE SURVIVED MUCH LONGER WITHOUT SURGERY.

Regents Honor Creator of Indexing Manual

"For conceiving, developing, and implementing the MEDLARS Indexing Manual and Training Program," Mrs. Thelma Charen, Technical Information Specialist in the Indexing Section of NLM's Bibliographic Services Division, was presented on June 26 with the third Regents' Award for Scholarship or Technical Achievement.

"Her contribution," noted Dr. William G. Anlyan, Chairman of the Board of Regents, as he made the presentation, "has been one of the major factors in the development and maintenance of *Index Medicus*, MEDLARS, and MEDLINE as outstanding information tools in biomedical communication."

A committee chaired by Miss Mary E. Corning, Special Assistant to the Director, reviewed and evaluated nominations submitted by NLM staff, applying the stipulated criteria that the work must enrich biomedicine, be original, be creative, exceed normally assigned duties, and be performed by an employee of the Library. The annual award -- a special citation plus $100 -- established by the Board in March 1970, was made possible by an anonymous gift from a Library employee. Previous recipients were Dr. Jaroslav Nemec, Reference Section, and Mr. Stanley Jablonski, Index Section.

Index to the Mrak Report Available

An Index to the Mrak Report has been compiled by Sharon L. Valley, Ph.D., of the Library's Toxicology Information Program, to assist users in rapidly finding information in the previously published Report. The indexes were prepared by entering the entire Report, including references, into an on-line, whole-text computer

(Continued on Page 4)

(Mrak Report, from Page 3)

search system. On-line, interactive indexing was performed using color cathode ray tube retrieval equipment. The entire Report is still in an on-line system for search purposes.

I. *Index to the Report of the Secretary's Commission on Pesticides and Their Relationship to Environmental Health.* Superintendent of Documents, U. S. Government Printing Office, Washington, D. C. 20402. 1972. Contains: (1) Chemical Substance Index, (2) Subject Index, (3) Bibliography. 310 pages. *GPO Classification No. HE 20.3602:P43.* Price: *$1.25.*

II. *Report of the Secretary's Commission on Pesticides and Their Relationship to Environmental Health* (known as the "Mrak Report"). Superintendent of Documents. 1969. 2 Vols. *GPO Classification No. HE 1.2:P43/Pt 1,2.* Price: *$3.00.*

New Literature Searches

L. S. No.	Title
72-15	Malnutrition and mental development in man. January 1969 - June 1972. 56 citations.
72-16	Toxicity of intentional food additives. January 1969 - June 1972. 264 citations.
72-17	Vasectomy -- psychosocial aspects. January 1969 - June 1972. 52 citations.
72-18	Medicine in Vietnam. January 1969 - June 1972. 337 citations.

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